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**Montana Comprehensive Assessment System
(MontCAS)**

**Math Vocabulary Lists
Spring 2009 MontCAS Criterion-Referenced Test**

The following lists provide expected math vocabulary for grades 3-8 and 10 for the 2008-2009 administration of the math Criterion-Referenced Test (CRT). Any vocabulary word on a prior grade-level list may appear on later grade CRTs. The lists are by grade.

Grade 3

angle	month
area	number sentence
array	odd
bar graph	ounce
base-ten blocks	parallelogram
centimeter	pattern
centimeter ruler	perimeter
certain	pint
circle	pound
cone	pyramid
congruent	quart
cube	rectangle
cup	rhombus
cylinder	right angle
day	scale
decimal	side
digit	sphere
edge	square
equivalent	symmetry
estimate	tenths
even	thermometer
face	title
feet	trapezoid
fraction	triangle
gallon	unlikely
geoboard	vertex
gram	very likely
hour	week
impossible	yard
inch	yard stick
kilogram	
kite	
liter	
meter	
minute	

Grade 4

cubic units	second
equation	slide
estimate	square units
fact family	tally chart
factor	tangram
flip	tree diagram
grid	ton
hexagon	total
hundredths	turn
intersecting	volume
key	
kilometer	
labels	
least likely	
line	
line segment	
mile	
milliliter	
millimeter	
most likely	
multiple	
net	
octagon	
ordered pair	
organized list	
parallel	
pattern	
pentagon	
perpendicular	
pictograph	
polygon	
prism	
product	

Grade 5

acute
comparison questions
composite
compute
conclusion
constant rate
coordinates
coordinate grid
equilateral
fraction cards
input/output
interval
isosceles
line graph
line plot
mean (average)
median
mode
obtuse
place value

plotted
point
prime
quadrilateral
randomly
range
ray
rectangular
reflection (flip)
rotation (turn)
scalene
term
thousandths
three-dimensional
transformation
translated
translation (slide)
trend
triangular prism

Grade 6

associative property
circle graph
circumference
clockwise
commutative property
counterclockwise
diameter
distributive property
formula
histogram
horizontal axis
improper fraction
proper fraction
quotient
rotational symmetry
stem-and-leaf plot
symbol for approximate is \approx
vertical axis
vertices

Grade 7

box-and-whisker plot
cube (a number)
data
difference (of two values)
dimensions
doubling
image (in a transformation)
least common multiple
mass
miles per gallon
opposite corner of a figure
powers (exponents)
probability
profit
ramp incline
random sample
regular polygon
savings account
scale on a graph
sector
similar (mathematically similar)
solution
speed
square root symbol $\sqrt{\quad}$
survey
tip (left with payment for a bill)

Grade 8

altitude (of a triangle)
central angle
commission
cost per unit
degrees (Fahrenheit and Celsius)
diagonal (of a polygon)
equally likely (events)
equation of a line
formula
frequency chart (table)
intercepts: x -intercept; y -intercept
linear relationship
line of best fit (on a scatter plot)
midpoint
number sequence
origin (on a coordinate grid)
prime factorization
proportion
quadrant (on a coordinate grid)
quartile
radius
rule for a pattern
scatter plot
simplify an expression
solid
value of an expression

Grade 10

acre
adjacent angles
arc
complementary angles
congruence symbol \cong
counterexample
correlate
decreasing
dilation
equiangular
expected value
function
hypotenuse
increasing
integers
irrational numbers
natural numbers
non-linear
outlier
parallel symbol
plane
rational numbers
real numbers
semicircle
slope
supplementary angles
system of equations
system of inequalities
theorem
transversal
whole numbers